

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claim 52 and add new claims 62 and 63 as follows:

Listing of Claims:

1-37. (Cancelled)

38. (Previously Presented) An in-process substrate structure including a plurality of contact regions and a plurality of non-contact regions adjacent the contact regions on a surface of the substrate, the in-process substrate structure comprising:

a selectively formed single crystal contact on each contact region, each single crystal contact being isolated from single crystal contacts on adjacent contact regions, each single crystal contact having an arcuate, convex upper surface intersected by two sidewall surfaces, the two sidewall surfaces being substantially perpendicular to the surface of the substrate.

39-44. (Cancelled)

45. (Previously presented) The substrate of claim 38 wherein the non-contact regions adjacent to the contact region comprise isolation oxide regions.

46. (Previously presented) The substrate of claim 38 wherein the substrate comprises silicon.

47. (Previously presented) The substrate of claim 38 wherein the substrate comprises gallium arsenide.

48. (Previously presented) The substrate of claim 38 wherein the substrate comprises silicon germanium.

49. (Previously Presented) The substrate of claim 38 wherein the single crystal contact comprises silicon.

50. (Previously Presented) The substrate of claim 38 wherein the single crystal contact comprises gallium arsenide.

51. (Previously Presented) The substrate of claim 38 wherein the single crystal contact comprises silicon germanium.

52. (Currently Amended) An in-process semiconductor structure, comprising:
~~a substrate;~~
a substrate including a plurality of transistors, each transistor including a plurality
pair of active regions formed within the substrate and having a channel region defined between
each pair of active regions,[[;]] a plurality of isolation regions adjacent the active regions, each
isolation region being positioned between adjacent active regions to isolate adjacent active
regions; and
at least one selectively formed single crystal contact formed on each active
region, each selectively formed single crystal contact being isolated from single crystal contacts
on adjacent active regions, each selectively formed single crystal contact having an arcuate,
convex upper surface intersected by two sidewall surfaces, the two sidewall surfaces being
substantially perpendicular to an upper surface of the active region.

53. (Previously presented) The in-process semiconductor structure of claim 52 wherein each isolation region comprises a field oxide region.

54. (Previously presented) The in-process semiconductor of claim 53 wherein the substrate comprises silicon.

55. (Previously presented) The in-process semiconductor of claim 53 wherein the substrate comprises gallium arsenide.

56. (Previously presented) The in-process semiconductor of claim 53 wherein the substrate comprises silicon germanium.

57. (Previously Presented) The in-process semiconductor of claim 53 wherein each single crystal contact comprises selective epitaxial growth silicon.

58. (Previously Presented) The in-process semiconductor of claim 53 wherein at least some of the single crystal contacts comprise gallium arsenide.

59. (Previously Presented) The in-process semiconductor of claim 53 wherein at least some of the single crystal contacts comprise silicon germanium.

60-61. (Cancelled)

62. (New) The in-process semiconductor of claim 38 wherein the selectively formed single crystal contact extends past the contact region and over only a peripheral region of one of the adjacent non-contact regions.

63. (New) The in-process semiconductor of claim 52 wherein the at least one selectively formed single crystal contact extends past the active region and over only a peripheral region of one of the adjacent isolation regions.